

Title (en)

Systems and methods for radioisotope generation

Title (de)

Systeme und Verfahren zur Radioisotoperzeugung

Title (fr)

Systèmes et procédés pour la génération de radio-isotopes

Publication

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Application

**EP 12168843 A 20061216**

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Abstract (en)

Systems and methods are disclosed for producing customized, predictable, and reproducible supplies of radioisotopes using, for example, a reactor housing that is fabricated from a radioactive shielding material and has both an internal volume and a surface that comprises an entry port and an exit port, a chromatographic column that is positioned within said internal volume such that a first end of said column is in fluid communication with said entry port and a second end of said column is in fluid communication with said exit port, and a changeable filter module that is disposed external to said reactor housing and in fluid communication with said exit port.

IPC 8 full level

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CPC (source: EP US)

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Cited by

US9717844B2; US10991474B2; US9766351B2; US10012740B2; US11810685B2; US9607722B2; US9750870B2; US9750869B2; US9814826B2; US10335537B2; US10376630B2; US10751432B2; US10994072B2; US11464896B2; US11752254B2; US11865298B2

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